ABSTRACT

A method and apparatus for the meaningful suppression of the growth potential of a pathogen *in-vivo*, the apparatus including an electromagnetic radiation source capable of providing broad-spectrum electromagnetic radiation, wherein the broad-spectrum electromagnetic radiation has wavelengths of from about 190 nm to about 1200 nm, the broad-spectrum electromagnetic radiation having an intensity sufficient to achieve meaningful suppression in the growth potential of the pathogen *in-vivo* and wherein at least part of the apparatus is adapted for placement proximate to the *in-vivo* location of the pathogen.